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INDUSTRIAL

Subject  
Kalamazoo River Monthly Report (March 2007)

Dear Paul

Attached is the 195<sup>th</sup> monthly progress report for the Allied Paper, Inc /Portage Creek/Kalamazoo River Superfund Site. This progress report is submitted as per paragraph 33 of the 1990 Administrative Order by Consent (Order No DFO-ERD-91-001)

Date  
April 20, 2007

If you have any questions, please do not hesitate to contact us

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Sincerely,

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**ARCADIS** BBL

Mr Paul T Bucholtz  
April 20, 2007

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**MONTHLY REPORT FOR THE ALLIED PAPER, INC./PORTAGE CREEK/  
KALAMAZOO RIVER SUPERFUND SITE**

**REPORT #195, MARCH 2007**

**PREPARED BY ARCADIS BBL  
APRIL 20, 2007**

**ON BEHALF OF THE KALAMAZOO RIVER STUDY GROUP**

**SUBMITTED TO**

**PAUL T. BUCHOLTZ, PROJECT MANAGER  
REMEDICATION AND REDEVELOPMENT DIVISION**

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Monthly Report for the Allied Paper, Inc./Portage Creek/  
Kalamazoo River Superfund Site**

**REPORT #195, MARCH 2007**

***I. Identification of Remedial Investigation and Feasibility Study (RI/FS) Activities***

**Task 1 — Description of the Current Situation**

- Complete

**Task 2 — Plans and Management**

- On March 29, the Kalamazoo River Study Group (KRSG) notified the MDEQ that it was invoking dispute resolution regarding the 2006 cost recovery package

**Task 3 — Site Investigation**

- No activity

**Task 4 — Preliminary Remedial Technologies**

- No activity

**Task 5 — Site Investigation Analysis**

- No activity

**Task 6 — RI/FS Reports, Risk Assessments and Records of Decision**

- The MDEQ will prepare the final Allied Paper, Inc Operable Unit (Allied OU) RI Report

**Task 7 — Community Relations Support**

- No activity

***II. Status of Work at the Site***

**Task 1 — RI Activities**

- See Section I, Task 3, for information.

**Task 2 — Remedial Action Activities**

- No activity.

**Task 3 — Operation, Maintenance and Monitoring (OMM) Activities**

- On March 2, ARCADIS BBL transmitted to the city of Kalamazoo the monthly (February 2007) monitoring report regarding treated groundwater at the Allied OU.

**Monthly Report for the Allied Paper, Inc./Portage Creek/  
Kalamazoo River Superfund Site**

**REPORT #195, MARCH 2007**

- On March 6, Severn Trent Laboratories (STL) forwarded the analytical data package regarding the first quarter 2007 post-closure groundwater sampling event at the King Highway Landfill Operable Unit (KHL OU) to Georgia-Pacific Corporation (Georgia-Pacific) (sample delivery group [SDG] KAL430) Table A summarizes the samples collected
- On March 13, Earth Tech collected samples of the influent and effluent at the Allied OU water treatment plant (WTP) for polychlorinated biphenyl (PCB) analysis
- On March 15, Terra Contracting, L L C (Terra) performed the first quarter 2007 post-closure inspection at the KHL OU
- On March 16, ARCADIS BBL submitted the 2007 first quarter post-closure landfill gas monitoring report for the KHL OU to the MDEQ
- On March 29, Earth Tech measured static water levels at the Allied OU
- In March, operation of the WTP continued at the Allied OU A total of 636,241 gallons of water were treated and discharged to the Kalamazoo Water Reclamation Facility
- In March, Earth Tech performed OMM activities at the Allied OU, including chlorinating the sumps, inspecting soil sedimentation and erosion control features, inspecting the site fence, and inspecting groundwater recovery system components
- Georgia-Pacific awaits the MDEQ's comments on the July 31, 2006 *Work Plan for Additional Activities at the King Highway Landfill*
- Georgia-Pacific awaits the MDEQ's approval of the January 2005 *Draft Notice of MDEQ-Approved Environmental Remediation for the Former Kalamazoo Mill Lagoons* (the approval of which is related to approval of the above-referenced July 31, 2006 submittal)
- Georgia-Pacific awaits the results of the split samples collected by CDM during the first quarter 2007 post-closure groundwater sampling event at the KHL OU.

**III. Percentages**

Task 1 — Description of the Current Situation is complete.

Task 2 — Plans and Management is approximately 90 percent complete

Task 3 — Site Investigation is approximately 95 percent complete.

**IV. Problems**

- No problems were encountered.

**Monthly Report for the Allied Paper, Inc./Portage Creek/  
Kalamazoo River Superfund Site**

**REPORT #195, MARCH 2007**

**V.      *Actions Taken to Correct Problems***

- No activity

**VI.     *Upcoming Activities***

- In April 2007, Earth Tech is scheduled to measure water levels at the Allied OU
- In April 2007, Earth Tech is scheduled to collect samples of the influent and effluent at the Allied OU WTP for PCB analysis
- In April 2007, Earth Tech will continue to perform OMM activities at the Allied OU
- On April 3, ARCADIS BBL is scheduled to transmit to the city of Kalamazoo the monthly (March 2007) monitoring report regarding treated groundwater at the Allied OU
- On April 5, ARCADIS BBL is scheduled to submit to the MDEQ the sixty-first monthly water-elevation report for the Allied OU. This report will cover activities performed during February 2007
- Beginning on April 16, 2007, the KRSG will submit to the United States Environmental Protection Agency (USEPA) monthly reports for the Supplemental Remedial Investigations/Feasibility Studies (SRI/FS) and Plainwell Time Critical Removal Action (TCRA) in separate monthly reports, as required by paragraph 19a of the *Plainwell Administrative Settlement Agreement and Order on Consent for Removal Action* (AOC) and Section 7.1 of the SRI/FS Statement of Work (SOW). These topics will no longer be discussed in the monthly reports submitted under the 1990 Administrative Order by Consent for the Site. The first monthly reports submitted will cover February and March 2007
- In April, ARCADIS BBL anticipates distributing the validated analytical results of the 2007 first quarter groundwater sampling event conducted at the KHL OU.
- In May 2007, ARCADIS BBL is tentatively scheduled to conduct the 2007 second quarter post-closure groundwater sampling event at the KHL OU. Water-level measurements will be collected prior to groundwater sampling. The second quarter landfill gas monitoring event is scheduled to occur at the same time.
- During the second quarter 2007, Terra is scheduled to perform the second quarter 2007 post-closure inspection at the KHL OU

**VII.    *Changes in Personnel***

- No changes.

**Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site  
March 2007 Monthly Report**

**Table A — Summary of Groundwater Data Received during March 2007 regarding the KHL-OU**

<b>Date Sampled</b>	<b>BBL Sample ID (Corrected)</b>	<b>BBL Sample ID (Assigned in Field)</b>	<b>Well ID</b>	<b>CDM Sample ID</b>
2/5/2007	H85378	H85304	MW-7	(No split taken )
2/6/2007	H85379	H85305	MW-1AR	(No split taken )
	H85380	H85306	MW-2R	(No split taken )
	H85381	H85307	MW-16A	OU3-MW16A-01
	H85382	H85308	MW-11RR	(No split taken )
	H85383	H85309	Equipment Blank	(No split taken )
2/7/2007	H85384 <sup>1</sup>	H85310	MW-12B	OU3-MW12B-01 [OU3-MW12B-02]
	H85385	H85311	MW-16B	(No split taken )
	H85386	H85312	MW-12AR	OU3-MW12AR-01
	H85387	H85313	MW-13B	OU3-MW13B-01
2/8/2007	H85388 [H85389]	H85314 [H85315]	MW-8AR	OU3-MW8AR-01 [OU3-MW8AR-03]
	H85390	H85316	MW-13AR	OU3-MW13AR-01
	H85391	H85317	MW-8BR	(No split taken )
2/9/2007	H85392	H85318	MW-14AR	OU3-MW14AR-01
	H85393 [H85394]	H85319 [H85320]	MW-15AR	OU3-MW15AR-01 [OU3-MW15AR-03]
	H85395	H85321	MW-3AR	OU3-MW3AR-01

**Notes:**

- <sup>1</sup> MS/MSD analyzed for this sample.
- 1 ARCADIS BBL samples analyzed for total organic carbon (TOC), total polychlorinated biphenyl (PCB) compounds, semivolatile organic compounds (naphthalene, 4-methylphenol and phenol), acetone, chemical oxygen demand (COD), nitrate, sulfate, alkalinity, total suspended solids (TSS) and total metals (barium, calcium, chromium, thallium, iron, sodium and vanadium)
- 2 CDM samples analyzed for low-level PCB Aroclors
- 3 Duplicate samples are presented in brackets.